

# Expressing Fractions in Lowest Terms

## Jefferson Davis Learning Center

Example: Express  $\frac{63}{72}$  in lowest terms.

Solution:  $\frac{63}{72} = \frac{63 \div 9}{72 \div 9} = \frac{7}{8}$

Directions: Express the following fraction in lowest terms.

Set 1

1.  $\frac{2}{4}$

2.  $\frac{5}{15}$

3.  $\frac{7}{21}$

4.  $\frac{3}{12}$

5.  $\frac{7}{35}$

6.  $\frac{3}{18}$

7.  $\frac{2}{12}$

8.  $\frac{11}{88}$

9.  $\frac{23}{46}$

10.  $\frac{31}{93}$

Set 2

1.  $\frac{8}{16}$

2.  $\frac{4}{40}$

3.  $\frac{8}{48}$

4.  $\frac{6}{42}$

5.  $\frac{9}{54}$

6.  $\frac{12}{36}$

7.  $\frac{15}{45}$

8.  $\frac{32}{96}$

9.  $\frac{21}{84}$

10.  $\frac{27}{81}$

Set 3

1.  $\frac{8}{10}$

2.  $\frac{4}{6}$

3.  $\frac{6}{20}$

4.  $\frac{10}{25}$

5.  $\frac{9}{12}$

6.  $\frac{6}{15}$

7.  $\frac{10}{16}$

8.  $\frac{14}{18}$

9.  $\frac{21}{28}$

10.  $\frac{18}{32}$

Set 4

1.  $\frac{36}{60}$

2.  $\frac{12}{16}$

3.  $\frac{8}{20}$

4.  $\frac{18}{24}$

5.  $\frac{24}{32}$

6.  $\frac{20}{36}$

7.  $\frac{32}{48}$

8.  $\frac{50}{75}$

9.  $\frac{42}{60}$

10.  $\frac{56}{64}$

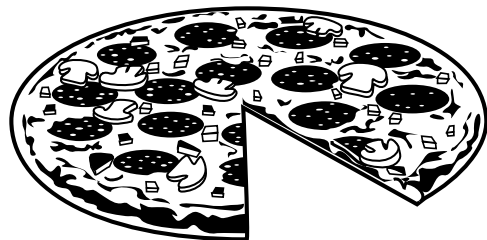
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: \_\_\_\_\_ Class: \_\_\_\_\_

## Fractions

*What has many eyes but cannot see? A potato!*

Express as a mixed number.



1.  $\frac{28}{4} =$

2.  $\frac{9}{5} =$

3.  $\frac{27}{6} =$

4.  $\frac{8}{6} =$

5.  $\frac{18}{6} =$

6.  $\frac{15}{6} =$

7.  $\frac{26}{5} =$

8.  $\frac{16}{6} =$

9.  $\frac{11}{5} =$

10.  $\frac{21}{6} =$

11.  $\frac{10}{6} =$

12.  $\frac{24}{6} =$

13.  $\frac{24}{6} =$

14.  $\frac{41}{6} =$

15.  $\frac{12}{4} =$

16.  $\frac{21}{6} =$

17.  $\frac{7}{4} =$

18.  $\frac{17}{5} =$

19.  $\frac{46}{6} =$

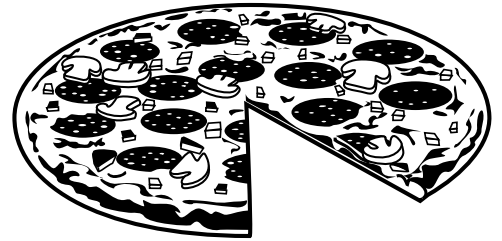
20.  $\frac{7}{3} =$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher: \_\_\_\_\_ Class: \_\_\_\_\_

## Operations with Fractions

*Knock, knock. Who's there? Justin. Justin who? Justin time for dinner!*



Calculate.

1.  $\frac{2}{6} + \frac{3}{5} =$

2.  $\frac{2}{6} + \frac{1}{6} =$

3.  $\frac{1}{2} + \frac{4}{6} =$

4.  $\frac{2}{6} + \frac{3}{6} =$

5.  $\frac{3}{6} + \frac{1}{2} =$

6.  $\frac{5}{6} + \frac{3}{4} =$

7.  $\frac{2}{5} + \frac{1}{6} =$

8.  $\frac{2}{6} + \frac{1}{4} =$

9.  $\frac{5}{6} + \frac{1}{3} =$

10.  $\frac{4}{5} + \frac{2}{6} =$

11.  $\frac{1}{2} + \frac{3}{6} =$

12.  $\frac{1}{3} + \frac{2}{6} =$

13.  $\frac{1}{6} + \frac{2}{5} =$

14.  $\frac{2}{6} + \frac{1}{5} =$

15.  $\frac{1}{6} + \frac{2}{6} =$

16.  $\frac{3}{6} + \frac{4}{6} =$

Answer Key

Date:

Teacher:

Class:

## Operations with Fractions

*Knock, knock. Who's there? Justin. Justin who? Justin time for dinner!*



Calculate.

1.  $\frac{2}{6} + \frac{3}{5} = \frac{14}{15}$

2.  $\frac{2}{6} + \frac{1}{6} = \frac{1}{2}$

3.  $\frac{1}{2} + \frac{4}{6} = 1\frac{1}{6}$

4.  $\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$

5.  $\frac{3}{6} + \frac{1}{2} = 1$

6.  $\frac{5}{6} + \frac{3}{4} = 1\frac{7}{12}$

7.  $\frac{2}{5} + \frac{1}{6} = \frac{17}{30}$

8.  $\frac{2}{6} + \frac{1}{4} = \frac{7}{12}$

9.  $\frac{5}{6} + \frac{1}{3} = 1\frac{1}{6}$

10.  $\frac{4}{5} + \frac{2}{6} = 1\frac{2}{15}$

11.  $\frac{1}{2} + \frac{3}{6} = 1$

12.  $\frac{1}{3} + \frac{2}{6} = \frac{2}{3}$

13.  $\frac{1}{6} + \frac{2}{5} = \frac{17}{30}$

14.  $\frac{2}{6} + \frac{1}{5} = \frac{8}{15}$

15.  $\frac{1}{6} + \frac{2}{6} = \frac{1}{2}$

16.  $\frac{3}{6} + \frac{4}{6} = 1\frac{1}{6}$